

**COMBINED DECLARATION AND POWER OF ATTORNEY**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) and joint inventor (if plural names are listed below) of the subject matter which is claimed and sought on the invention entitled CROSS CORRELATED TRELLIS CODED QUADRATURE MODULATION TRANSMITTER AND SYSTEM, the specification of which:

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Technology Center 2600

- ☐ is attached hereto.
- ☒ was filed on 02/01/2000 as Application Serial No. 09/496,135 and was amended on .
- ☐ was described and claimed in PCT International Application No. filed on and as amended under PCT Article 19 on .

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim the benefit under Title 35, United States Code, §119(e)(1) of any United States provisional application(s) listed below:

U.S. Serial No.	Filing Date	Status
60/103,227	10/05/1998	Pending

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information I know to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

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U.S. Serial No.	Filing Date	Status
09/412,348	10/05/1999	Pending

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

Country	Application No.	Filing Date	Priority Claimed
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:



Combined Declaration and Power of Attorney

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full Name of Inventor: MARVIN K. SIMON

Inventor's Signature: Marvin SimonDate: 11/13/02Residence Address: 325 Canon de Paraiso LaneCitizenship: La Canada, CA 91011Post Office Address: U.S. Citizen

Full Name of Inventor: TSUN-YEE YAN

Inventor's Signature: _____

Date: _____

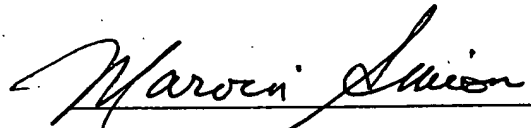
Residence Address: _____

Citizenship: _____

Post Office Address: _____

ASSIGNMENT

For valuable consideration, we, MARVIN K. SIMON of La Canada, CA
TSUN-YEE YAN of Pasadena, CA, hereby assign to, a California non-profit organization
having a place of business at: 1200 East California Ave., Pasadena, CA 91125, and its successors
and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest
throughout the world in the inventions and improvements which are subject of an application for
United States Patent signed by us this day, entitled CROSS CORRELATED TRELLIS CODED
QUADRATURE MODULATION TRANSMITTER AND SYSTEM, filed 02/01/2000, and
assigned U.S. Serial Number 09/496,135, and we authorize and request the attorneys appointed
in said application to hereafter complete this assignment by inserting above the filing date and
serial number of said application when known; this assignment including said application, any
and all United States and foreign patents, utility models, and design registrations granted for any
of said inventions or improvements, and the right to claim priority based on the filing date of said
application under the International Convention for the Protection of Industrial Property, the
Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like
purposes; and we authorize the Assignee to apply in all countries in our name or in its own name
for patents, utility models, design registrations and like rights of exclusion and for inventors'
certificates for said inventions and improvements; and we agree for ourselves and our respective
heirs, legal representatives and assigns, without further compensation to perform such lawful acts
and to sign such further applications, assignments, Preliminary Statements and other lawful
documents as the Assignee may reasonably request to effectuate fully this assignment.

DATE: 11/13/02
Marvin K. Simon

DATE: _____

Tsun-Yee Yan

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